



PTO/SB/08A (10-01)

Approved for use through 10/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Sheet	1	of	1	Application Number	10/791,190
				Filing Date	March 2, 2004
				First Named Inventor	Frank L. Hall
				Group Art Unit	1725
				Examiner Name	S. Heinrich
				Attorney Docket Number	2269-4718.3US (00-0316.03/US)

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
S.H.		US-4,767,049	08/30/1988	Butt et al.	
		US- 5,858,229	08/12/1997	Tanimoto et al.	
		US- 5,868,271	02/02/1999	Stueber et al.	
		US- 5,883,437	03/18/1999	Maruyama et al.	
		US- 6,544,816	04/08/2003	Lim et al.	
		US- 2002/0030281 A1	03/14/2002	Rolda et al.	
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
S.H.		JP4031011A1A	04/25/1991	Kawada et al.		X
		EP472768A	03/04/1992	Beer et al.		X

Examiner Signature	S. Heinrich	Date Considered	May 12, 2007
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Name	S. Heinrich
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Sheet 2 of 2

Attorney Docket Number	2269-4718.31US (00-0316.03/US)
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S. Heinrich

May 12, 2007

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**Sheet**

**1**

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Application Number

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**First Named Inventor**

**Frank L. Hall**

### Group Art Unit

1725

**Examiner Name**

**S. Heinrich**

**Attorney Docket Number**

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## U.S. PATENT DOCUMENTS

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		Number - Kind Code <sup>2</sup> (if known)			
		US-3,355,431	10/1983	Burdick	
		US- 5,923,866	07/1999	Teramoto et al.	
		US- 6,156,284	12/2000	Bassous et al.	
		US- 6,419,896	07/2002	Mueller et al.	
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Dec. 04, 2006

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Signature**

S. (b) (6)

Date Considered

Mar 12, 2007

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SHH		US-3,913,216	10/21/1975	Ballonoff	
		US- 4,514,898	05/07/1985	Przybysz et al.	
		US- 5,310,824	05/10/1994	Ehrlich	
		US- 6,437,052 B1	08/20/2002	Iwasa et al.	
		US- 6,720,522 B2	04/13/2004	Ikegami et al.	
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 360015985A	01/1985	Fujitsu Ltd		X
		JP 360123084A	07/1985	Matsushita Electric		X
		JP 383117421A	05/1988	Nikon Corp		X
		JP 407030121A	01/1995	Sanyo Electric		X
		JP 409325385A	12/1997	Hitachi Ltd		X
		JP 2000012728A	01/2000	Sony Corp		X

Examiner  
Signature

S. Heinrich

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First Named Inventor	Frank L. Hall
Group An Unit	1725
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		JP	360015985A	01/1985	Fujitsu Ltd		X
		JP	360123084A	07/1985	Matsushita Electric		X
		JP	363117421A	05/1988	Nikon Corp		X
		JP	407030121A	01/1995	Sanyo Electric		X
		JP	409325365A	12/1997	Hitachi Ltd		X
		JP	2000012726A	01/2000	Sony Corp		X

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